

20030314.qrp v02\_n859.qrl.20030314

Date: Fri, 14 Mar 2003 19:03:10 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2859

QRP-L Digest 2859

Topics covered in this issue include:

- 1) [147564] Re: Circuit Simulation Software  
by David M Kopacki <kf2ew@juno.com>
- 2) [147565] SMT (SMD?) Practice Kit  
by "M.M." <markem@cox.net>
- 3) [147566] FS Reduced Price Parts  
by "Jerry Bartachek" <KD0CA@praisescrbe.com>
- 4) [147567] Re: Terminating an Antenna  
by Steven Weber <kd1jv@moose.ncia.net>
- 5) [147568] spacers for homemade ladder line  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [147569] Fw: [psk31] Start of PSB reporting for PSK31  
by "Juan Ferrari" <puntrad@usa.net>
- 7) [147570] April QST  
by "KB9BVN" <brian@iquest.net>
- 8) [147571] 'Dillo Post-Mortem  
by "Jay Henson" <aj4ay@worldnet.att.net>
- 9) [147572] Re: NorCal BLT  
by ik7565@erols.com
- 10) [147573] WTB nov. 200 cq mag  
by <n2go@arrl.net>
- 11) [147574] Terminating the random wire or vee beams  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 12) [147575] Antenna Questions  
by "Byron Tatum" <bjtatum@ev1.net>
- 13) [147576] Re: Pesky 'Dillos  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 14) [147577] Fwd: Re: Circuit Simulation Software  
by Ed Tanton <n4xy@earthlink.net>
- 15) [147578] Re: FOX 2? Tonight Mar-13  
by "KXBill" <w7kxb@cox.net>
- 16) [147579] Re: Circuit Simulation Software  
by "Pederson, Glenn" <gpeder@elnet.com>
- 17) [147580] FOX spots at start of hunts  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 18) [147581] FOX: What a Difference a Day Makes...  
by W2AGN <w2agn@w2agn.net>
- 19) [147582] Re: Antenna Question

- by Dave Marling <ve1vq@auracom.com>
- 20) [147583] Emtech construction article & photos from 2000  
by "Mike N9IVO" <n9ivo@attbi.com>
- 21) [147584] ArkieCon 2003 "Yellow Rose" and NETXQRP are coming!  
by "Jay Bromley" <w5jay@alltel.net>
- 22) [147585] FOX: Gads the noise!  
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [147586] Thanks for pizza meeting, NorCal!  
by "George Heron N2APB" <n2apb@erols.com>
- 24) [147587] Trufflage  
by Lloyd Lachow <llachow@yahoo.com>
- 25) [147588] FOX -- What's Up With the Foxhunt Web Pages?  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 26) [147589] Re: Gads the noise!  
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 27) [147590] WTB nov 2000 cq mag  
by <n2go@arrl.net>
- 28) [147591] Re: Gads the noise!  
by psschwarz@kellnet.com
- 29) [147592] "The History of Wireless Communications"  
by Ed Tanton <n4xy@earthlink.net>
- 30) [147593] Re: Circuit Simulation Software  
by David M Kopacki <kf2ew@juno.com>
- 31) [147594] Re: Fwd: Re: Circuit Simulation Software  
by David M Kopacki <kf2ew@juno.com>
- 32) [147595] Re: FOX -- What's Up With the Foxhunt Web Pages?  
by "W8TIF - Karl" <kkanalz@gcecis.com>
- 33) [147596] Homebrewing Parts - Sold  
by "Jerry Bartachek" <KD0CA@praisescibe.com>
- 34) [147597] UTC to Local TIme Software  
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 35) [147598] Re: Gads the noise!  
by W2AGN <w2agn@w2agn.net>
- 36) [147599] RE: UTC to Local TIme Software  
by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 37) [147600] Re: Gads the noise!  
by David Hinerman <WD8CIV@worldnet.att.net>
- 38) [147601] FOX: Phew, what a night!  
by Dave Gingrich K9DC <gingrich2@dcg.org>
- 39) [147602] Re: UTC to Local TIme Software  
by "Rod N0RC" <rod@n0rc.us>
- 40) [147603] Fox a la Truffle!  
by "Stephen King" <frstephenk@stfrancishigh.org>
- 41) [147604] Re: UTC to Local TIme Software  
by David Hinerman <WD8CIV@worldnet.att.net>
- 42) [147605] Fs Items  
by "junius Fox" <jfox6@houston.rr.com>
- 43) [147606] Re: UTC to Local TIme Software

- by fcsww@juno.com
- 44) [147607] RE: Circuit Simulation Software  
by Mark Schoonover <schoon@amgt.com>
- 45) [147608] Re: UTC to Local Time Software  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 46) [147609] RockMite 20 Mods at WB2VUO  
by wkhibbert@juno.com
- 47) [147610] Crystal: series or parallel?  
by Patrick Gardella <pgardella@yahoo.com>
- 48) [147611] FS/FT: Kenwood TS-140S & Ten Tec 6M Xvtr  
by wkhibbert@juno.com
- 49) [147612] FS: Palm Vx, Cradle and Rhino Case  
by wkhibbert@juno.com
- 50) [147613] FS: Icom IC-2100H 2M FM rig  
by wkhibbert@juno.com
- 51) [147614] Re: UTC to Local Time Software  
by Pete Burbank <plburbank@earthlink.net>
- 52) [147615] Where to Buy Magnifying Goggles???  
by "James P. Rybak" <jrybak@mesastate.edu>
- 53) [147616] RE: Where to Buy Magnifying Goggles???  
by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 54) [147617] Re: Where to Buy Magnifying Goggles???  
by "Mike Yetsko" <myetsko@insydesw.com>
- 55) [147618] Re: Where to Buy Magnifying Goggles???  
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 56) [147619] Re: Crystal: series or parallel?  
by "Leon Heller" <leon\_heller@hotmail.com>
- 57) [147620] Re: Where to Buy Magnifying Goggles???  
by "Leon Heller" <leon\_heller@hotmail.com>
- 58) [147621] Monitor the bands while you are away from home  
by "Leon Heller" <leon\_heller@hotmail.com>
- 59) [147622] Re: Where to Buy Magnifying Goggles???  
by Pete Burbank <plburbank@earthlink.net>
- 60) [147623] CCW (Coherent CW)  
by <stanw@toxosor.com>
- 61) [147624] QRP tube rig  
by "georgekr5c" <georgekr5c@cablelynx.com>
- 62) [147625] FS: PC CW keyboard  
by "Dave Redfearn" <n4elm@attbi.com>
- 63) [147626] Intentional Interference  
by "Karl F. Larsen" <k5di@zianet.com>
- 64) [147627] First MultiPig+ to MultiPig+ QSO Made!  
by "Dennis Ponsness" <wb0wao@hotmail.com>

-----

Date: Thu, 13 Mar 2003 16:26:54 -0500  
From: David M Kopacki <kf2ew@juno.com>

To: k0jd-1@seboldt.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [147564] Re: Circuit Simulation Software  
Message-ID: <20030313.162741.-16330805.0.kf2ew@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim, I have installed both Serenade SV and AutoTrax. I have not been completely satisfied with either one, especially with the low part count that you can use.

I just downloaded Micro-Cap today and at first use, I like it a lot more. And it lets you use 50 components.

I called Electronics Workbench and also visited their website. I was told that there is no demo version, but you can download the tutorial, which I did. If you buy the student version at 89.95, it's yours. There's no return, since it is software. But the good thing is that it allows you to use up to 100 components.

I am going to try to determine through the tutorial if I would like it or not. It can never replace the hands on feel for it, though. The hands on feel of Micro-Cap is much better than Serenade, I thought.

I don't know of any other simulation software.

73,  
Mike, NJ20M

On Wed, 12 Mar 2003 22:28:49 -0600 John Seboldt <k0jd-1@seboldt.net> writes:

> At 08:33 AM 3/12/03 -0800, you wrote:  
> >I was wondering, however, if anyone has a recommendation of  
> >a reasonably priced, full-featured software package that  
> >would suffice to overcome the Micro Cap limitations.  
> >Clearly, it need not include everything that Micro Cap or  
> >products of that level offer, but it would be neat to have a  
> >package that offered a graphical interface (in addition to  
> >net lists) with SPICE simulation.  
> >  
> >Thanks in advance.  
> >  
> >72,  
> >  
> >Bill, k6whp  
> >  
> My page <http://www.seboldt.net/k0jd/pspice.html> has some

> recommendations  
> for other freebies that may be in the same or more powerful  
> ballpark. OrCad  
> Lite (PSpice) and Serenade SV (RF/communications) are worth playing  
> with.  
>  
> Electronics Workbench is one of the more reasonably priced  
> simulators -  
> actually it's MultiSim now - <http://www.interactiv.com/> - the  
> StudentSuite  
> is \$89.95 with a 100 component limit. Last I looked, the prices for  
> a  
> bigger version were only in the \$400 range (pretty cheap as this  
> stuff goes  
> - industrial stuff can be above \$4000), but couldn't find the prices  
> on the  
> website on a cursory examination just now.  
>  
> Hope this helps.  
>  
> John Seboldt K0JD  
> Milwaukee  
>  
>  
>

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Date: Thu, 13 Mar 2003 14:34:02 -0700  
From: "M.M." <markem@cox.net>  
To: qrp-1@lehigh.edu  
Subject: [147565] SMT (SMD?) Practice Kit  
Message-ID: <200303131434.02789.markem@cox.net>  
Content-Type: text/plain;  
    charset="us-ascii"  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable

The recent thread on getting started with surface-mount soldering reminds=  
me=20  
that I have one of KD1JV's SMT practice kits from a year or so ago. It's =  
a=20  
basic keyer that I never got around to assembling. If anyone's interested=

in=20  
it, let me know. It's yours for the original price (\$15?).

73... Mark AA7TA

-----  
Date: Thu, 13 Mar 2003 13:53:37 -0800  
From: "Jerry Bartachek" <KD0CA@praisescrbe.com>  
To: "QRP-L Post Msg" <QRP-L@LEHIGH.edu>  
Subject: [147566] FS Reduced Price Parts  
Message-ID: <200303131353.AA26411336@praisescrbe.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have Just reduced the price of my previously advertised package electronic parts for homebrewing.

The new price with shipping included is now \$25.00.

Parts:

1 new SBL-1 mixer, 1 new 2N3553 transistor and matching heatsink, 2 APC-type ceramic body variable capacitors (30 pf & 50 pf, respectively), 4 new 1000 pf poly capacitors, 2-100 uH mini chokes, 6 T50-6 (I think) "yellow" torroids, 1 powdered iron 0.44 inch diameter torroid, 3 powdered iron 0.375 inch diameter torroids, 1 ceramic HC-6/U crystal socket, 3 HC-6/U crystals (7.022.22 KHz, 7061.11 KHz, & 14063 KHz), two new 100 pf npo 50 vdc capacitors in blister packs (Tandy 272-152), two new 450 pf npo 50 vdc capacitors in blister packs (Tandy 272-153), and two new 15 - 150 pf pcb trimmer capacitors in a blister pack (Tandy 272-1339).

Jerry KD0CA

-----  
Free 20MB Web Site Hosting and Personalized E-mail Service!  
Get It Now At Doteasy.com <http://www.doteasy.com/et/>

-----  
Date: Thu, 13 Mar 2003 18:10:03 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: aa8vs@msn.com  
Cc: qrp-l@lehigh.edu  
Subject: [147567] Re: Terminating an Antenna  
Message-ID: <3.0.6.32.20030313181003.007bf750@mailhost.ncia.net>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>[TX] -----^^^^^^- top loaded

>

>approximate overall lengths of 12 / 16 inches on 40 meters. This  
>is kind of leading me to believe where the manual may be heading  
>but not for sure.

>

Using a very short loaded wire without some kind of return path might not  
be a very good idea.

I would think simply tacking 12" of wire to the hot side of a 50 ohm dummy  
load would be the best way to go and be sure the transmitter is happy.

For a somewhat larger but more effective short range antenna, probably  
making a 50 ohm series resonant tank circuit would do the trick. Let's  
see..on 40M you'd need aprox 1.2 uH and 450 pF. Humm, I wonder how far you  
could send using a T50-2 core for the inductor? Maybe if you used long  
connecting leads....

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

-----

Date: Thu, 13 Mar 2003 17:15:11 -0600

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <jaevans@mail.codenet.net>, <qrp-1@Lehigh.EDU>

Subject: [147568] spacers for homemade ladder line

Message-ID: <015a01c2e9b6\$657a2aa0\$4e100a0a@rohredt2000>

John, since you will need to use a transmatch anyway, you do not need to  
exactly match the spacing of commercial 450 ohm line. The transmatch will  
take care of it whether closer to 300 ohm or 450 or 600 or 800 etc.

With that in mind, there are near 300 ohm spacing plastic spacers that are  
sold with a couple of nail holes in them, (with the brad nails), for holding  
down Romex cable. Home Depot chain and others sell them by the bag of 50  
or 100 etc. They make good spacers for approximately no. 20 enamel wire  
which will make a flexible and portable parallel line.

(I am still trying to figure out a good use for the nails.)

GL and 72,  
Stuart K5KVH

-----  
Date: Thu, 13 Mar 2003 23:45:30 -0000  
From: "Juan Ferrari" <puntrad@usa.net>  
To: "Piggies-L" <fpqrp-l@mpna.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [147569] Fw: [psk31] Start of PSB reporting for PSK31  
Message-ID: <002601c2e9ba\$a3099be0\$e10cb9cd@puntana.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As it may be of interest for QRPrs...

72

Juan - KG4FSN

----- Original Message -----

From: Graeme F Harris  
To: psk31@yahoogroups.com  
Sent: Thursday, March 13, 2003 7:32 AM  
Subject: [psk31] Start of PSB reporting for PSK31

Hello all,

Just to let you know that the new PSB reporting format for PSK31 has started and that you are welcome to use it and refer other operators to the website. Suggested text for a 579 PSB report at this early stage is:

"Your signal, reported in the PSB format (Print, Strength, Bandwidth) is 579 579. See [WWW.PSB-INFO.NET](http://WWW.PSB-INFO.NET) for further info."

PSB reporting can improve the value of PSK31 signal reports and help reduce excessive signal bandwidth and distortion. We appreciate your support in making PSB reporting seen on the bands.

If you operate your own website, we would be pleased if you would provide a link to the PSB site.

Best 73,  
Graeme VK3BGH (for the PSB team)

[Non-text portions of this message have been removed]



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-----  
Date: Thu, 13 Mar 2003 18:49:56 -0500  
From: "KB9BVN" <brian@iquest.net>  
To: "Flying Pigs" <fpqrp-1@fpqrp.com>, "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [147570] April QST  
Message-ID: <002101c2e9bb\$46e95c50\$bc652bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Heckuva Deal!!

On the cover - The Rock Mite!!

Review of the Argo V, and some other cool QRP stuff.

Good issue!

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Thu, 13 Mar 2003 17:50:38 -0600  
From: "Jay Henson" <aj4ay@worldnet.att.net>

To: "QRPL" <qrp-1@lehigh.edu>  
Subject: [147571] 'Dillo Post-Mortem  
Message-ID: <000b01c2e9bb\$59a6e060\$c272560c@jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All,

Thanks to the pesky Texans for the event. In spite of the conditions, it was fun, as well as challenging.

Wx locally was about as miserable as the band conditions on 40. At 0145Z, a line of thunder boomers moved through the area. I did not hook my wire antennas up until 0158Z and was a little bit nervous then.

All of the TX signals heard were fairly weak here in LA (lower Alabama). George W5YR was probably the strongest armadillo I heard all evening, and he was up and down. Lots of familiar calls were heard. Doc K0EVZ and I usually are able to work each other with very little trouble but it would have been very difficult last evening. I heard Lloyd K3ESE working really hard to complete a Q. The LOUDEST station heard all evening was Mr. Todd N9NE. Geez!!! I think Todd and I have antenna lobes pointed at each other as I can always hear him. Nice signal Todd.

Congrats to Jim N5IB on the sweep. Very excellent time considering. My sweep took 1 hour and 31 minutes and it was tough going looking for Lew N5ZE as my last 'Dillo.

My best to all. Thanks for the fun all of you Texas Armadillo's...

Jay  
AJ4AY  
Mobile, AL  
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

#### ARMADILLO LOG

My Call: AJ4AY  
My Name: JAY  
MY SPC: AL  
My PWR: 5 watts

My report for all armadillos was 559 AL JAY 5W.

|                |      | Freq | URCALL | MYRST | URSPC | URNAME | URPWR |
|----------------|------|------|--------|-------|-------|--------|-------|
| 3/13/2003 2:07 | 7.04 | N05W | 559    |       | TX    | CHUCK  | 5W    |

|                |       |       |     |    |        |    |
|----------------|-------|-------|-----|----|--------|----|
| 3/13/2003 2:14 | 7.044 | KQ5U  | 559 | TX | TERRY  | 5W |
| 3/13/2003 2:16 | 7.045 | W5SB  | 559 | TX | BILL   |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 2:18 | 7.046 | K5PTC | 559 | TX | BOB    | 5W |
| 3/13/2003 2:22 | 7.051 | N5ET  | 559 | TX | BOB    |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 2:25 | 7.030 | W5TA  | 559 | TX | DICK   | 5W |
| 3/13/2003 2:27 | 7.030 | WF5W  | 599 | TX | CAL    | 5W |
| 3/13/2003 2:31 | 7.037 | W5MJ  | 559 | TX | BOB    |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 2:36 | 7.040 | W5PF  | 559 | TX | PAUL   |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 2:37 | 7.041 | K5LN  | 559 | TX | BILL   |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 2:41 | 7.042 | W5YR  | 559 | TX | GEORGE | 5W |
| 3/13/2003 2:45 | 7.062 | K5GQ  | 559 | TX | MARK   | 5W |
| 3/13/2003 2:49 | 7.034 | KK5LD | 559 | TX | DAN    |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 2:52 | 7.035 | K5ZTY | 559 | TX | BILL   |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 2:54 | 7.036 | W5HNS | 599 | TX | HENRY  | 4W |
| 3/13/2003 2:57 | 7.040 | N5TW  | 559 | TX | TOM    | 5W |
| 3/13/2003 3:05 | 7.039 | N5BE  | 559 | TX | DAN    |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 3:11 | 7.051 | W5USJ | 559 | TX | CHUCK  | 5W |
| 3/13/2003 3:27 | 7.054 | K5NZ  | 599 | TX | MIKE   |    |
| 5W             |       |       |     |    |        |    |
| 3/13/2003 3:38 | 7.043 | N5ZE  | 559 | TX | LEW    |    |
| 5W             |       |       |     |    |        |    |

-----

Date: Thu, 13 Mar 2003 19:25:12 -0500  
 From: ik7565@erols.com  
 To: jaevans@codenet.net, qrp-1@lehigh.edu  
 Subject: [147572] Re: NorCal BLT  
 Message-ID: <3E712168.FF1B08D2@erols.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

See <http://www.io.com/~n5fc/blt.htm>

Share your "finds" with the group (mine is half built)

73 de Ian

N8IK

"John A. Evans - N0HJ" wrote:

>  
> Greetings,  
>  
> Can you believe that I am just getting around to building the BLT? I plan to  
install it in an altoids  
> tin for backpacking. Has anyone collected all the errata and mods for the BLT?  
If so, I'd love to get a  
> copy and would truly appreciate it.  
>  
> 72 - john - n0hj

-----  
Date: Thu, 13 Mar 2003 19:26:53 -0500 (EST)  
From: <n2go@arrl.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [147573] WTB nov. 200 cq mag  
Message-ID: <Pine.LNX.4.33.0303131926150.1950-100000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

anyone have this issue?

73,

Jim n2go

-----  
Date: Thu, 13 Mar 2003 18:28:02 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <Brian.Buydens@usask.ca>, <qrp-l@Lehigh.EDU>  
Subject: [147574] Terminating the random wire or vee beams  
Message-ID: <001d01c2e9c0\$92efb1d0\$4e100a0a@rohredt2000>

Brian,  
Terminating resistor goes to ground. However, you can also terminate  
something like a vee beam leg with a quarter wave of parallel line, which  
will reflect a short to the end of the antenna.

These terminations make the antenna into a sort of wave antenna for the

random wire (depending on actual length vs. frequency), and unidirectional in the case of vee beam or rhombic.

72,

Stuart K5KVH

-----  
Date: Thu, 13 Mar 2003 18:45:05 -0600  
From: "Byron Tatum" <bjtatum@ev1.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [147575] Antenna Questions  
Message-ID: <004601c2e9c2\$f5a2a740\$77d4dacf@tatum001>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello All-

This is a hearty "Thank You" to all of the nice responses I received regarding my questions about an all band antenna and the balanced-balanced antenna tuner. There were so many I thought I would make a reply to the lists. Several people were so kind as to send article files on the tuners and descriptions of antennas, pictures of their tuners, etc.

I am looking at putting up a full wave 160 meter loop as high as possible { about 50 feet} and feeding it with open wire line in the middle of one side. I have looked over W4RNL's nice articles on this very antenna and I believe it should do well for all HF bands.

Mostly I will be doing low power work with K-2, K-1 and other homebrew rigs, maybe Drake B-Line at times.

I am looking at building the antenna tuner remotely controlled, in a large weatherproof box I have been saving. My thoughts are to have the box mounted on a support on ground in area under feedpoint, so the run of open wire line would be fairly short, then coax into house. It is not possible to have my tuner in the house where the station is.

Anyway, if anyone has any recommendations I most certainly am open to all! My thoughts at this time are to use the dual roller inductor tuner as described in Measures article, however with my lower power levels I believe I can use some of the surplus roller coils I have salvaged out of Collins airborne stuff.

I was curious about lightning protection on this type of system, any suggestions?

Thanks to all, Byron WA5THJ.

-----

Date: Thu, 13 Mar 2003 17:10:09 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <w5yr@att.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [147576] Re: Pesky 'Dillos  
Message-ID: <004b01c2e9c6\$7599b800\$5e8fb2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi George,

> In recent years on 40 meters QRP, I have never ever heard the band as  
bad  
> as last night. Thanks to all who tried to work us and couldn't be  
heard.  
> Believe me, we tried at this end!

I guess the God of Propagation has a sense of humor after all, and that  
was pay back for how well we normally hear you guys during the FOXII ;-)  
Missed working you guys last night though. Looks like from the reports  
so far that the band was pretty short as well, for the most part, as  
most success stories seem to be coming from TX or LA. Wasn't getting a  
lot of static crashes here, but the band was a bit noisier than usual.  
That being said, it's usually pretty noisy in Burbank ;-)

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 13 Mar 2003 20:29:14 -0500  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [147577] Fwd: Re: Circuit Simulation Software  
Message-ID: <5.2.0.9.2.20030313202514.02563d80@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have the full Electronics Workbench, and like it a lot (other than their  
huge paranoia about being copied, requiring complicated SN/etc. retrieval  
if you change HDDs or OS's AND the RF module being separate and expensive.)

But using it is easy and intuitive for me.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
"Suppose you were an idiot ...  
And suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
-----

-----  
Date: Thu, 13 Mar 2003 18:53:25 -0700  
From: "KXBill" <w7kxb@cox.net>  
To: <gingrich2@dcg.org>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [147578] Re: FOX 2? Tonight Mar-13  
Message-ID: <01bf01c2e9cc\$804e23c0\$cf60344@ph.cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Who is the nr. 2 fox tonight?  
kxBill

-----  
Date: Thu, 13 Mar 2003 20:12:29 -0600

From: "Pederson, Glenn" <gpeder@elnet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [147579] Re: Circuit Simulation Software  
Message-ID: <3E70E62D.16315.4F64D64@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

There is a demo version of Multisim at

<http://www.electronicworkbench.com/html/prodemomsm.html>

Because it's a demo version, you can't save your circuits but it does allow you to get a good feel for the program.

Glenn Pederson, WB9QIQ  
gpeder@elnet.com

-----  
Date: Thu, 13 Mar 2003 20:12:39 -0600  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-1 reflector" <qrp-1@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [147580] FOX spots at start of hunts  
Message-ID: <41200335142123980@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Both FOXes have been spotted and running fast and very LOUD. Loudest FOXes I have heard all year. Quite a welcome change from the short, noisy band last evening for the Armadillo Hunt.

Dave K9DC is on 7.036.2 and listening up ~2. Al K0FRP is spot on 7.041.8, listening up. Both are working 'em at a pretty good clip. Let's give them a full evening of hunting, everyone.

GL es 72,  
--Doc/K0EVZ



-----  
Date: Thu, 13 Mar 2003 21:19:05 -0500 (Eastern Standard Time)  
From: W2AGN <w2agn@w2agn.net>  
To: qrp-1@Lehigh.EDU  
Subject: [147581] FOX: What a Difference a Day Makes...  
Message-ID: <3E713C19.000003.61507@w2agn>  
MIME-version: 1.0  
Content-type: Text/Plain  
Content-transfer-encoding: 7BIT

Conditions sure different tonight. Got K0FRP at 0206Z and K9DC at 0211Z..  
Fastest 2 foxii yet!

Now what to do the rest of the evening...guess I'll watch CSI.

+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----  
Date: Thu, 13 Mar 2003 22:42:27 -0400  
From: Dave Marling <ve1vq@auracom.com>  
To: "Michael Melland" <w9wis@charter.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [147582] Re: Antenna Question  
Message-ID: <5.2.0.9.0.20030313223930.01756b48@mail.auracom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:04 AM 13/03/2003 -0500, Michael Melland wrote:  
>Cool Dave..... I wonder how hard it would be to scale something like this  
>for qrp portable use ?

I wanted it big for whatever I ran. You could substitute RG58 for the  
RG213. Make the series inductors on a smaller pipe and use #18-20 solid  
wire. The capacitor could then be a broadcast band type. Still wouldn't  
be as portable as one of the BLTs but you might reduce it to 25% of my full  
size (plywood base is 18" H x 24" W).

-----  
Date: Thu, 13 Mar 2003 20:58:26 -0600  
From: "Mike N9IV0" <n9ivo@attbi.com>  
To: <qrp-1@lehigh.edu>  
Cc: <n9ivo@attbi.com>  
Subject: [147583] Emtech construction article & photos from 2000  
Message-ID: <001501c2e9d5\$95fff280\$0100a8c0@cb528392a>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi All.

I forgot to mention in my reply about the Emtech that  
I have my Construction article and photos on the web.

<http://home.attbi.com/~n9ivo/hamradiopage2.html>

It's the original small articles I had posted during construction  
and there are clickable photos I took while building during 2000  
also.

Mike N9IV0

-----  
e-mail: n9ivo at attbi dot com  
web: <http://home.attbi.com/~n9ivo>  
-----

-----  
Date: Thu, 13 Mar 2003 21:19:00 -0600  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <qrp-1@Lehigh.EDU>  
Cc: "Win Dooley, Jr." <W5JAG@msn.com>,  
      "Wayne Johnson" <wb5ofn@cox-internet.com>, <TomRW5JM@aol.com>,  
Subject: [147584] ArkieCon 2003 "Yellow Rose" and NETXQRP are coming!  
Message-ID: <004b01c2e9d8\$78cffe0\$119b66a6@jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jay Bromley wrote:

>I am sure I missed one or two, but you get the idea.

Well I did, see below. I am super please that NETXQRP and the NE-TX Tornados will also be attending Arkiecon in force. For you guys that love to operate and contest QRP looks like the NE-TX Tornados should win this year's QRP-L Fox hunt. They are the current leaders! So if you want to learn and talk to some of the best operators in all of QRP, they will be at Arkiecon again this year. Also including last year's Pesky Texan Armadillo Chase winner: W5YR, co-operated by George and Bill K5JHP. Now I was talking to George the other night on the phone and George confessed that his secret weapon is NOT really his Icom 756 Pro II, but Bill, K5JHP! I swore on the phone I would keep George's secret confidential while I was on the phone, :-).

Speaking of W5YR, NETXQRP, and NE-TX Tornados, I am please to announce a super program along with all the other festivities during "Saturday Night's Open House" provided by "Mr. Yellow Rose" himself, W5YR, George. Assisting George will be K0LOA, Dwain. Together they will be providing power calibration checks for your watt meters. Right out of the "Yellow Rose Labs" George's HP meter can handle .3 microwatts to 30 watts from 100 KHz to 18 GHz . George says his meter is fairly accurate :-), being rated at +/- 0.5%. Notice that there is a dot ahead to of the .5%. For those that have never met George, he is one of the most elegant, knowledgeable person I know. But more importantly, he is one of the nicest Elmers I have ever met! George is much like NorCal's "Gentleman Jim Cates" and I don't give out compliments like this very often. Jim and George at Arkiecon 2003, it doesn't get any better than that!

To say I am excited that George and Dwain are taking the time to provide this service is the understatement of the year. This will not be a formal speak, but an informal "Hands on How to". So bring those NoGaWaTTs, Stocktons, Oak Hills WM-1/2, homebrew meters, etc, to see how accurate you calibration is. I can't wait to see where the calibration on my Oak Hills WM-2 compares to George's HP. I have been using a 1 watt and under for many years, I have always wondered if I was doing more or less, now I will know for sure. Don't forget those internal meters in today's rigs, bring them and let George show how close they really are.

George will be bringing Spectra Pro for tweaking up those Elecraft K2 and K1 out there. So please bring your K2 with you and let George show you how to get those passbands centered up. Even if your rig doesn't have an adjustable passband like the K2, you will learn a lot from watching George use Spectra Pro on any rig. It is a real eye opener to see if your 300 Hz filter is really 300 Hz along with seeing how good your shape factor is. There are 300 Hz filters and then there are REAL 300 Hz filters. If you are going to run with the big dogs, I mean Big NE TX Tornados, in next years QRP-L Fox hunt you really need to know if your filters are centered and if they are good enough to run with the pack ( I mean NE-TX Tornados ).

So not only will you be treated to a FREE barbeque during Saturday's Night Open House, but also a FREE power and spectrum calibration from George and Dwain.

Thank you both and all the Texan QRPers that will be coming to Arkiecon 2003!!

More announcements coming very soon. See more info at:  
<http://www.arkiecon.com/>

Many thanks and 73 de jay..

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Jay Bromley

> Sent: Monday, March 10, 2003 11:24 PM

> To: Low Power Amateur Radio Discussion

> Subject: ArkieCon

>

>

> <http://www.arkiecon.com/>

>

> Hi gang again!

>

> ArkieCon is near and the above link has all the information you

> might need.

> If you have attended ArkieCon in the past you know this is a very

> different

> QRP forum and varies from year to year. This year will be no exception.

> More on this later.

>

> The ArkieCon date for this year is April 5th, but the QRPers show up in

> force on the evening of April 4th for a no host dinner at the Rib

> Eye. Also

> we are still doing the "Saturday night's Open House" held in the same room

> the QRP forums were in earlier that day. The Fort Smith QRP is still

> hosting a free barbeque again this year right before the "Saturday Night's

> Open House". So please plan to spend a couple of nights with us. Besides

> we all need a break from normal everyday life.

>

> Check out this years guest speakers. We have Dave Benson from

> Small Wonder

> Labs, "Gentleman" Jim Cates from NorCal,

> "Dr. Megacycle" Jim Duffey, and Clifton Sikes coming this year. We still

> have a few in the wings, so we may have one or two more to announce later.

>

> I could go on and on about how great our guest speakers are and I probably  
> will later, hihi. Also part of the main show are the attendees.  
> Attendees  
> include those "Pesky Texans", other not so Pesky Texans :-), Clubs from St  
> Louis, Iowa, Four State QRP, NorTex, AZ Scorpions, Houston QRP,  
> ARCI, NJQRP,  
> more QRPers right here from Arkansas/Oklahoma, east, west, north,  
> and south  
> of mid America. I am sure I missed one or two, but you get the idea.  
> Saturday and Friday nights are some of my favorite parts of Arkiecon, just  
> being able to fellowship with QRP's finest at one's own leisure!!  
>  
> Speaking of Saturday nights open house the Four State QRP Club is coming  
> down in force. Not that they haven't in years past, but watch out, these  
> guys have their act together and are bringing their projects. I  
> went to one  
> of their meetings a few weeks ago and I have never seen anything like it  
> before. So guys don't let the Four State guys have all the fun,  
> bring your  
> projects and show them off! Doug Hendricks will be doing the building  
> contests judging on Saturday Night.  
>  
> There will be QRP stations set up on Saturday afternoon for you  
> to try your  
> hand at operating these fine QRP rigs. In years pasted we have had Dave  
> Guading, Dennis Foster, Vern Wright, and Dr. Megacycle set up  
> some fabulous  
> QRP antennas for guys to hook up their rigs to. Some of these  
> antennas are  
> on the cutting edge! So if you are new to QRP and want to know  
> what all the  
> hub-bub is about, please join us. I guarantee you will have a super time.  
>  
> The main prize for Arkiecon 2003 is a TenTec Argonaut V. This is  
> a fun rig  
> to use and we will have it set up for you to compare it with the  
> other rigs  
> in attendance. Also the Argonaut V will be in the next product review  
> section in the April issue of QST, but you can see it now at:  
> <http://www.arrl.org/members-only/prodrev/pdf/pr0304.pdf>  
>  
> Now I hear that George, W5YR, says he needs a Ten Tec in his shack and is  
> going to win it! So to keep ole "Yellow Rose" George at bay you need to  
> pre-register with Jerry Parker at: [jparker@fix.net](mailto:jparker@fix.net) Why you ask? Well it  
> gives us a nice head count for Saturday Nights FREE Barbeque and gives you  
> an extra ticket for the main drawing. You get both at the door of the QRP  
> forums from Miss Kathy, WQ5T. If you don't pre-register you can still get  
> in on the fun, just show up and you get one ticket for the main

> drawing, get  
> to hang out with some super QRPers, and it is all FREE. You must  
> be present  
> to win the Argo V. It will be given away at the end of the QRP forums. I  
> must mention that there is small entry fee to get into the main hamfest  
> which gives you access to all the QRP doings. The money goes to the Fort  
> Smith AREA Amateur Radio Club that hosts this fine Hamfest and not to the  
> Fort Smith QRP Group.  
>  
> So I hope to see every one in a few weeks!  
>  
> Many thanks and 73 de jay/w5jay..

-----  
Date: Thu, 13 Mar 2003 20:41:41 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [147585] FOX: Gads the noise!  
Message-ID: <Pine.LNX.4.44.0303132034100.2831-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The band was in great shape tonight! Got home late from the bank meeting and just fired up the rig. I didn't even look up who was Fox and just dove in. Found Al W0FRP at 7042.07 and he was 579 so it was pretty easy to work him in C0.

Went down the band and found Dave K9DC down at 7036.29 at just above ESP level. Just as he got a bit stronger some yahoo with teletype did intentional interference on Dave. Then someone called CQ and was chased off. The teletype continued and I said Heck! It isn't worth getting mad about and pulled the plug.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Thu, 13 Mar 2003 22:34:02 -0500  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Cc: "NJQRP" <njqrp@njqrp.org>

Subject: [147586] Thanks for pizza meeting, NorCal!  
Message-ID: <002901c2e9da\$916b35e0\$1cc23ad0@GHLTP4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here's a belated-yet-sincere "thank you" to a group of NorCal members who got together one evening with me several weeks ago while I was on the left coast on business.

James KA5DVS, Doug KI6DS, Kit WA6PWW, Vic AB6SO, Jeff AB6MX, Ron W6AZ and I had some great discussions over at Rountable Pizza in Mountainview. I brought along some recent projects from the NJQRP ... HC908 Daughtercard (working, with antenna analyzer code loaded), a final prototype of the Antenna Analyzer enclosure and connector/control layout, a working Sniffer field strength meter, a Serial CW Sender unit, and some recent horror tales of getting through airport security gates carrying small pcb's in a gunpowder vendor's cardboard shipping box.

I very much enjoyed talking with the guys on a variety of subjects that only QRPers on this list could appreciate ... from driving antenna spikes into the asphalt parking lot while the XYL does her shopping (thanks for the tip Doug!), to design considerations of high-intensity pulsed lasers. I even got some expert advice from Vic on programming my little IC-T81A. (I think you're supposed to \*talk\* into these HT things, which will be a first for me.)

If any of you guys ever find yourself in the mid-Atlantic region of the east coast, I'd be very pleased to arrange a similar gathering of NJQRPers for you. Thanks again!

73, George N2APB  
n2apb@amsat.org

-----  
Date: Thu, 13 Mar 2003 19:56:18 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: fpqrp-l@mpna.com, a low-energy group <qrp-l@lehigh.edu>  
Subject: [147587] Trufflingement  
Message-ID: <20030314035618.84426.qmail@web41012.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

There was crashing and bashing, but not as much as last night...22 Truffles were awarded, to wit:

|      |        |     |    |        |       |
|------|--------|-----|----|--------|-------|
| 0130 | W8DIZ  | 559 | OH | Diz    | 1     |
| 0131 | N4BP   | 559 | FL | Bob    | 5W    |
| 0132 | KB9YIG | 559 | IN | Tony   | 500mW |
| 0134 | W3SMK  | 599 | NY | Steve  | 5W    |
| 0135 | WA9TZE | 579 | WI | Jim    | 417   |
| 0136 | W5YR   | 559 | TX | George | 404   |
| 0137 | K5JHP  | 559 | TX | Bill   | 5W    |
| 0138 | AJ4AY  | 559 | AL | Jay    | 115   |
| 0139 | KG4LDY | 559 | VA | Jim    | 384   |
| 0140 | K4GT   | 559 | GA | Jim    | 5W    |
| 0141 | K0EVZ  | 559 | ND | Doc    | 49    |
| 0143 | K5AIC  | 559 | MS | Herb   | 539   |
| 0144 | KK5NA  | 559 | TX | Joe    | 246   |
| 0144 | K8CV   | 599 | MI | Walt   | 541   |
| 0145 | AC5JH  | 579 | OK | Tom    | 530   |
| 0146 | W0CH   | 559 | MO | Dave   | 32    |
| 0147 | N9NE   | 579 | WI | Todd   | 5W    |
| 0149 | K5SR   | 559 | TX | Dale   | 5W    |
| 0150 | N1TP   | 559 | FL | Tom    | 5W    |
| 0151 | K0PC   | 559 | CO | Pat    | 5W    |
| 0153 | W5TB   | 559 | TX | Doc    | 128   |
| 0159 | N5ZE   | 559 | TX | Lew    | 5W    |

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr

ARRL - ARS #1301 - FISTS #8774 - WATPK #8

FPqrp #476 - BORG #2 - QRParci #11147

QRP-L #2415 - SOC #530

Fun = Skill / Power

"You can't spell Lloyd without lol!"

-----  
Do you Yahoo!?

Yahoo! Web Hosting - establish your business online

<http://webhosting.yahoo.com>

-----  
Date: Thu, 13 Mar 2003 22:19:06 -0600

From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [147588] FOX -- What's Up With the Foxhunt Web Pages?

Message-ID: <200303140419.AA01558@bolshoi.cc.misu.nodak.edu>



Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Not to be a nag or anything, but what's up with the standings on the Foxhunt web pages? The individual standings haven't been updated since hunt #16, which was a \*long\* time ago. Some of us would like to see where we are in relation to the rest before the season comes to an end. :-)

72/73,

Todd, AG0T

-----  
Date: Thu, 13 Mar 2003 20:30:09 -0800  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [147589] Re: Gads the noise!  
Message-ID: <012301c2e9e2\$66657100\$5e8fb2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl and all,

I've found intentional interference on the last 4 or so hunts! There's some nut out there, or a group of them doing it. There's the guy with the bad fist, the digital guy that puts a digital signal right on the FOXII, the guy that sweeps his VFO up and down over the FOXII frequency and the guy that throws a carrier on right when the FOX turns it over to the hounds for new takers. It's pretty strong interference too. I'd love to come and cut someone's feedline if they'd fess up!!! There's no place for this on the air!

Whew...now I feel better ;-) Despite the interference, I worked both FOXII tonight and had a blast hearing some of you guys on the air. Some of the familiar calls were VERY strong tonight. Thanks to both FOXII for a very fun evening of hunting!

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

> Went down the band and found Dave K9DC down at 7036.29 at just  
> above ESP level. Just as he got a bit stronger some yahoo with  
teletype  
> did intentional interference on Dave. Then someone called CQ and was  
> chased off. The teletype continued and I said Heck! It isn't worth  
> getting mad about and pulled the plug.  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -  
>

-----  
Date: Thu, 13 Mar 2003 23:54:47 -0500 (EST)  
From: <n2go@arrl.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [147590] WTB nov 2000 cq mag  
Message-ID: <Pine.LNX.4.33.0303132353210.3689-100000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

left off a zero last time. I don't need the nov 200 :)

73,

Jim n2go

-----  
Date: Fri, 14 Mar 2003 04:59:36 GMT  
From: psschwarz@kellnet.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [147591] Re: Gads the noise!  
Message-ID: <20030314045936.16787.qmail@mail.kellnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Speaking of...why do people have to center around 70475 during W1AW practice  
sessions? And then goofballs did it around 140475. Grr...can't win.

Patrick...KB8RTZ...

-----  
Date: Fri, 14 Mar 2003 03:48:06 -0500  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [147592] "The History of Wireless Communications"  
Message-ID: <5.2.0.9.2.20030314034604.048dc0f0@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I just saw an ad for "The History of Wireless Communications" to be on Court TV, this SAT night at 8PM. Ought to be interesting-although not particularly aimed at Ham Radio.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
"Suppose you were an idiot ...  
And suppose you were a member of  
Congress... but I repeat myself."  
--Mark Twain  
-----

-----  
Date: Fri, 14 Mar 2003 06:11:55 -0500  
From: David M Kopacki <kf2ew@juno.com>  
To: gpeder@elnet.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [147593] Re: Circuit Simulation Software  
Message-ID: <20030314.061404.-16772439.0.kf2ew@juno.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks, I'll pull this down and play with it before buying it.

The bottom line question is, can you design an HF transciever with it?

Thanks,  
Mike, NJ2OM

On Thu, 13 Mar 2003 20:12:29 -0600 "Pederson, Glenn" <gpeder@elnet.com>  
writes:

> There is a demo version of Multisim at  
>  
> <http://www.electronicworkbench.com/html/prodemomsm.html>  
>  
> Because it's a demo version, you can't save your circuits but it  
> does allow you to get a  
> good feel for the program.  
>  
>  
>  
> Glenn Pederson, WB9QIQ  
> gpeder@elnet.com  
>  
>  
>

---

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---

Date: Fri, 14 Mar 2003 06:14:02 -0500  
From: David M Kopacki <kf2ew@juno.com>  
To: n4xy@earthlink.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [147594] Re: Fwd: Re: Circuit Simulation Software  
Message-ID: <20030314.061404.-16772439.1.kf2ew@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed, what can you do with it if the RF module is separate and expensive?

I want to learn design with this program, culminating in my own, albeit

VERY simple, HF QRP transciever design. Can I use the student version of EWB, without the RF module, and do this?

Thanks,  
Mike, NJ20M

On Thu, 13 Mar 2003 20:29:14 -0500 Ed Tanton <n4xy@earthlink.net> writes:

> I have the full Electronics Workbench, and like it a lot (other than  
> their  
> huge paranoia about being copied, requiring complicated SN/etc.  
> retrieval  
> if you change HDDs or OS's AND the RF module being separate and  
> expensive.)  
> But using it is easy and intuitive for me.

>

>

>

> 73 Ed Tanton N4XY <n4xy@earthlink.net>

>

> Ed Tanton N4XY

> 189 Pioneer Trail

> Marietta, GA 30068-3466

>

> website: <http://www.n4xy.com>

>

> All emails <IN> & <OUT> checked by

> Norton AntiVirus with AutoProtect

>

> LM: ARRL QCWA AMSAT & INDEXA;

> SEDXC NCDXA GACW QRP-ARCI

> OK-QRP QRP-L #758 K2 (FT) #00057

>

> -----

> "Suppose you were an idiot ...

> And suppose you were a member of

> Congress... but I repeat myself."

> --Mark Twain

> -----

>

>

>

>

>

---

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-----  
Date: Fri, 14 Mar 2003 05:21:23 -0600  
From: "W8TIF - Karl" <kkanalz@gcecisip.com>  
To: <enders@bolshoi.cc.misu.nodak.edu>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [147595] Re: FOX -- What's Up With the Foxhunt Web Pages?  
Message-ID: <010f01c2ea1b\$d90bf010\$791a0ed0@HamShack>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Don't worry, Todd.... You'll never catch up with the Texans!

KK - W8TIF  
McKinney, Texas  
----- Original Message -----  
From: "Todd Enders" <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, March 13, 2003 10:19 PM  
Subject: FOX -- What's Up With the Foxhunt Web Pages?

>  
> Not to be a nag or anything, but what's up with the  
> standings on the Foxhunt web pages? The individual  
> standings haven't been updated since hunt #16, which  
> was a \*long\* time ago. Some of us would like to see  
> where we are in relation to the rest before the season  
> comes to an end. :-)  
>  
> 72/73,  
>  
> Todd, AG0T  
>  
>  
>

-----  
Date: Fri, 14 Mar 2003 05:10:29 -0800  
From: "Jerry Bartachek" <KD0CA@praisesscribe.com>  
To: "QRP-L Post Msg" <QRP-L@LEHIGH.edu>  
Subject: [147596] Homebrewing Parts - Sold  
Message-ID: <200303140510.AA121962828@praisesscribe.com>  
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

The parts package has been sold.  
73,  
Jerry KD0CA

---

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---

Date: Fri, 14 Mar 2003 09:34:24 -0500  
From: "Ron Pfeiffer" <n1zsw@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [147597] UTC to Local TIme Software  
Message-ID: <F90tFP2o26h7jcqedxn0003b754@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

When it comes to UTC I am a real ditz. I have trouble trying to remember if its 4 Or 5 hours difference! Does anyone have PC software that will convert UTC date/time to local date/time. I get really confused when calendars specify UTC date and time for events.

Any help appreciated.

Ron

---

STOP MORE SPAM with the new MSN 8 and get 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

---

Date: Fri, 14 Mar 2003 09:38:54 -0500 (Eastern Standard Time)  
From: W2AGN <w2agn@w2agn.net>  
To: qrp-1@Lehigh.EDU  
Subject: [147598] Re: Gads the noise!  
Message-ID: <3E71E97E.000003.61507@w2agn>  
MIME-version: 1.0

Content-type: Text/Plain  
Content-transfer-encoding: 7BIT

I agree! These clods have got to go. I think we all ought to write to Riley, and tell him to get these people OFF our frequencies!

I am claiming 7042.5. No one else is allowed there unless calling me! Also 14062.5. MY FREQUENCIES! If you use them I'll tell! Nyah, Nyah Nyah!

+-----+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

Speaking of...why do people have to center around 70475 during W1AW practice sessions? And then goofballs did it around 140475. Grr...can't win.

Patrick...KB8RTZ...

.

-----  
Date: Fri, 14 Mar 2003 09:56:43 -0500  
From: "K8YS/N8LBR" <jbcraft@adelphia.net>  
To: <n1zsw@hotmail.com>,  
    '"Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [147599] RE: UTC to Local Time Software  
Message-ID: <000c01c2ea39\$ee3ff6c0\$18184644@lbrtoh.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don't know about a "CONVERTER", but here is a link to a time service that I use - I put a GMT clock, a EST clock and if I am watching an ebay auction I add a PST clock...  
<http://www.get-time.org/default.asp>

Bob



-----  
Date: Fri, 14 Mar 2003 10:01:10 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [147600] Re: Gads the noise!  
Message-ID: <5.1.1.6.1.20030314095800.00a73ec0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:38 AM 3/14/2003 -0500, you wrote:

>I agree! These clods have got to go. I think we all ought to write to Riley,  
>and tell him to get these people OFF our frequencies!

>

>I am claiming 7042.5. No one else is allowed there unless calling me! Also  
>14062.5. MY FREQUENCIES! If you use them I'll tell! Nyah, Nyah Nyah!

>

John,

Now hang on a minute - there's room for all of us on those frequencies.  
Tell you what - - you can have the picosecond at the positive peak of the  
sine wave at 7042.5, and I'll take the one just after that. I'm sure we can  
fit everybody else in.

But anyone who raises a fuss gets the zero crossing - let's see how you  
like REAL QRP!

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 14 Mar 2003 10:13:29 -0500  
From: Dave Gingrich K9DC <gingrich2@dcg.org>  
To: QRP-1@Lehigh.EDU (QRP Discussion)  
Subject: [147601] FOX: Phew, what a night!  
Message-ID: <82F4C0FE-562F-11D7-9310-000393C78314@dcg.org>  
Mime-Version: 1.0 (Apple Message framework v551)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

I don't know the name of the Patron Saint of Propagation, but he/she

was working overtime last night. I worked folks in Indiana and my neighboring states, both coasts and everywhere in between. Amazing! I don't think I have ever heard the pack stay thick through the first hour, let alone 'til 0345. I know there were still folks calling me near the end, but the rapid QSB started to kick in and was brutally tough to pick out the bits between the +10 static crashes. I apologize for those I just didn't get to, or couldn't pick out from the mess.

Only one more week...

=====  
Dave Gingrich, K9DC  
Indianapolis, Indiana USA  
=====

-----  
  
Date: Fri, 14 Mar 2003 08:26:00 -0700  
From: "Rod N0RC" <rod@n0rc.us>  
To: <n1zsw@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [147602] Re: UTC to Local Time Software  
Message-ID: <000f01c2ea3e\$0558e8e0\$6601a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Ron,

Try these:

WEB BASED:  
[www.timeanddate.com](http://www.timeanddate.com)  
<http://swissinfo.net/cgi/worldtime/>  
<http://www.worldtimeserver.com/>

PC BASED:

WorldTime: <http://www.pawprint.net/wt/>

73, Rod N0RC

----- Original Message -----  
From: "Ron Pfeiffer" <n1zsw@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, March 14, 2003 7:34 AM  
Subject: UTC to Local TIme Software

> When it comes to UTC I am a real ditz. I have trouble trying  
> to remember if its 4 0r 5 hours difference! Does anyone have PC  
> software that will convert UTC date/time to local date/time.

-----  
Date: Fri, 14 Mar 2003 10:37:33 -0500  
From: "Stephen King" <frstephenk@stfrancishigh.org>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [147603] Fox a la Truffle!  
Message-ID: <003201c2ea3f\$a1ae2920\$3950a8c0@RM204>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

After a steady diet of skunk, finally found some fox and truffle! A rare  
3-fer nite here in Western NY. There was just as much QRN last nite as  
there was during the Armadillo Chase, but signals were much stronger .... a  
good nite here!

Peace & 73  
Stephen  
W3SMK  
K2 #2644

-----  
Date: Fri, 14 Mar 2003 10:39:08 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [147604] Re: UTC to Local TIme Software  
Message-ID: <5.1.1.6.1.20030314103057.00a70730@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:34 AM 3/14/2003 -0500, you wrote:  
>When it comes to UTC I am a real ditz. I have trouble trying  
>to remember if its 4 0r 5 hours difference! Does anyone have PC  
>software that will convert UTC date/time to local date/time.

>I get really confused when calendars specify UTC date and  
>time for events.

Ron,

Your question got me to thinking, and I searched out this program:

<http://pawprint.net/wt/>

It's way customizable (read: complicated) but I got it to do what I want, which is to run in the system tray on my Wintel machine (I'm using NT 4 right now) and be able to pop open a window that shows both local date/time and UTC date/time. I have it configured to show UTC if I roll the mouse pointer over the tray icon, and if I click it the time zone window opens.

You can add a lot more zones to the window than just the two. I've been wanting something like this for a while - something that can display the local time, UTC and the time in Ireland. (We have an office there, and I can never keep track of the difference because their Daylight Saving Time shift dates are different from ours.)

It looks like this thing will synchronize your computer clock to an Internet time server, too.

This thing isn't a small download - 4.?? meg - but it seems pretty complete. I got the stable release (24 March 2000) and it seems to do what I need. There's a newer beta version, but I don't think I'll need it.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 14 Mar 2003 09:51:12 -0600  
From: "junius Fox" <jfox6@houston.rr.com>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [147605] Fs Items  
Message-ID: <007f01c2ea41\$8a3c59e0\$ad160a43@alphac>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The 40 mtr CUB and the GM 17 have been sold.

The items remaining are: CUCs 30 mtr...17 mtr. and 15mtr.

73,

Foxy  
jfox6@houston.rr.com  
<http://www.qsl.net/w5hir>

-----  
Date: Fri, 14 Mar 2003 11:24:30 -0500  
From: fcs@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [147606] Re: UTC to Local Time Software  
Message-ID: <20030314.112432.-3687581.2.fcs@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Best software is in our head.

EST + 5 hours = UTC  
CST + 6 hours = UTC  
MST + 7 hours = UTC  
PST + 8 hours = UTC

When the country goes on that dippy Daylight Savings Time, apply a dippy saying to recall what to do.

"SPRING FORWARD, FALL BACK" i.e. add or subtract 1 hour accordingly.

Good luck

-----  
Date: Fri, 14 Mar 2003 09:35:58 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "'kf2ew@juno.com'" <kf2ew@juno.com>,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [147607] RE: Circuit Simulation Software  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F68F8@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I'm pretty sure Jim Kortge used EWB to design his 2N2 series of transceivers... Just started building mine after taking 18 months to collect all the parts!

72

.mark

```
> -----Original Message-----
> From: David M Kopacki [mailto:kf2ew@juno.com]
> Sent: Friday, March 14, 2003 3:12 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Circuit Simulation Software
>
>
> Thanks, I'll pull this down and play with it before buying it.
>
> The bottom line question is, can you design an HF transciever
> with it?
>
> Thanks,
> Mike, NJ2OM
>
> On Thu, 13 Mar 2003 20:12:29 -0600 "Pederson, Glenn"
> <gpeder@elnet.com>
> writes:
> > There is a demo version of Multisim at
> >
> > http://www.electronicworkbench.com/html/prodemomsm.html
> >
> > Because it's a demo version, you can't save your circuits but it
> > does allow you to get a
> > good feel for the program.
> >
> >
> >
> > Glenn Pederson, WB9QIQ
> > gpeder@elnet.com
> >
> >
> >
>
> -----
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>
>
```

-----  
Date: Fri, 14 Mar 2003 09:58:52 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [147608] Re: UTC to Local TIme Software  
Message-ID: <MABBJOEABOILMKCJCLFCMEELEDAA.n6wg@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You can even narrow that down a bit.  
I just remember that 4 PM PST is 0000Z during Winter,  
and 5 PM PDST is 0000Z during Daylight Saving Time.  
If you have that nailed down, you can count up any other  
domestic time on your fingers and toes :-)  
73, Bob N6WG

-----  
Date: Fri, 14 Mar 2003 14:00:07 -0500  
From: wkhibbert@juno.com  
To: qrp-1@lehigh.edu  
Subject: [147609] RockMite 20 Mods at WB2VUO  
Message-ID: <20030314.140011.-345977.0.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, Keith here in the Depths of the Great Bergen Swamp

I had a catastrophic failure of Q6, the 2N2222 in my 20 Meter RockMite.  
It actually got hot enough reflow the tin coating on the can. The  
transistor turned a grainy grey color and the lettering bubbled up on the  
surface. Impressive, really!

anyway, based on a couple of other posts here and on NØRC's RockMite  
Files, I suspected that there was a problem with L1, the collector choke  
for Q6.

I wound a new collector choke, 6 turns of #26 on an FT43-61 core that I  
had on hand and then replaced the 2N2222 with a Motorola MPS-A02, a  
TO-202 "Miniwatt" cased device. This is a much heftier transistor, and  
even without the heatsink will run a watt out easily.

I am now getting 600 mW out instead of the 200 mW I was seeing before. I made a contact with a local, W2XG and received a good report and compliments on the keying.

I have not played around with R18 in the emitter of Q6. I should be able to get the power up to 1 watt by reducing it to something in the 7 - 10 ohm range. The new choke will handle the extra current with ease.

I am getting AM interference from the local 50KW station so I will be adding the suggested 1K resistor across D1 & D2 before I button up the case. I'll get some pictures over to Rod, N0RC for his page when I finish it up.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"

---

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---

Date: Fri, 14 Mar 2003 11:06:41 -0800 (PST)  
From: Patrick Gardella <pgardella@yahoo.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [147610] Crystal: series or parallel?  
Message-ID: <20030314190641.91871.qmail@web40902.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Been meaning to ask: which is the "standard" crystal used in most of the homebrew rigs we have here, series or parallel? When a schematic says "7MHz crystal", which is it?

International Crystal's FAQ says "a crystal unit manufactured as a series resonant crystal will operate at a frequency higher than expected if used in a parallel resonant circuit. A crystal unit manufactured as a parallel resonant crystal will operate at a frequency lower than expected if used in a series resonant circuit."

73,  
Patrick N3EO

---



Do you Yahoo!?  
Yahoo! Web Hosting - establish your business online  
<http://webhosting.yahoo.com>

-----  
Date: Fri, 14 Mar 2003 14:12:34 -0500  
From: wkhibbert@juno.com  
To: qrp-1@lehigh.edu  
Subject: [147611] FS/FT: Kenwood TS-140S & Ten Tec 6M Xvtr  
Message-ID: <20030314.141457.-438405.2.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I really hate to have to list this gear, but college expenses are coming up for my daughter.

We need an IMac or an IBook for her for college, (Cleveland Institute of Art),  
so I am listing the following for  
sale or trade:

Kenwood TS-140S with 500 hz CW filter, operators manual and service manual on CD-ROM. The rig covers 160 - 10 Meters and will crank down to QRP with ease. Also included is the Ten Tec 1208 transverter for 6 Meters. This provides coverage for 6 Meters at about 8 watts PEP.

Asking \$450 plus shipping or I will trade for an Apple IMac, or towards an IBook

The older IMac with the CRT would be fine, but Andrea will need the faster processor and 256 MB of RAM. I would like to discuss a trade if you have one and the Kenwood/Ten Tec station would be of interest.

I would consider splitting the station, but would have to sell the transverter first in that case. Drop me a line and we can discuss it.

Drop me a line directly at the following addresses:

wb2vuo@frontiernet.net  
wb2vuo@arrl.net

Thanks.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"

---

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-----  
Date: Fri, 14 Mar 2003 14:09:16 -0500  
From: [wkhibbert@juno.com](mailto:wkhibbert@juno.com)  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [147612] FS: Palm Vx, Cradle and Rhino Case  
Message-ID: <20030314.141457.-438405.1.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I am selling a Palm Vx PDA. This has the cradle and the aluminum  
"Rhino" case. The unit has 8 megs of memory.

I have a few amateur programs on it including  
QRP Logger and I will burn a CD with the Palm Desktop and the  
manual in a .pdf file

Asking \$90 shipped

Contact me at the following addresses:

[wb2vuo@frontiernet.net](mailto:wb2vuo@frontiernet.net)  
[wb2vuo@arrl.net](mailto:wb2vuo@arrl.net)

Thanks.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"

---

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-----  
Date: Fri, 14 Mar 2003 14:14:28 -0500  
From: wkhibbert@juno.com  
To: qrp-1@lehigh.edu  
Subject: [147613] FS: Icom IC-2100H 2M FM rig  
Message-ID: <20030314.141457.-438405.3.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I am selling the following:

An Icom IC-2100H mobile. This is a current model, but with the older style mike. The rig runs 5/25/50 watts in the 3 power levels and I won it last September at the Elmira Hamfest.

It's been used here in the shack and never mobile. The mike has remote control capabilities and you can do almost everything other than adjusting the volume with the mike. You can even extend the mike cable and run the rig from the other side of the room with a suitable length of CAT-5 cable.

Asking \$120 shipped

Please contact me at the following addresses:

wb2vuo@frontiernet.net  
wb2vuo@arrl.net

Thanks.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"

-----  
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-----  
Date: Fri, 14 Mar 2003 14:42:33 -0500  
From: Pete Burbank <plburbank@earthlink.net>  
To: n1zsw@hotmail.com,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [147614] Re: UTC to Local TIme Software  
Message-ID: <5.2.0.9.0.20030314142854.00a3d290@Earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:34 AM 3/14/2003, Ron Pfeiffer wrote:

>When it comes to UTC I am a real ditz. I have trouble trying  
>to remember if its 4 Or 5 hours difference! Does anyone have PC  
>software that will convert UTC date/time to local date/time.  
>I get really confused when calendars specify UTC date and  
>time for events.

>

>Any help appreciated.

>

>Ron

Ron you don't really need any software for this. Just build this picture in  
your massive brain;

The Earth is rotating towards the east so the sunrise occurs 5 hours  
earlier in England than it does in  
the Eastern U.S. time zone. In the summer we move the clocks ahead an hour  
to EDST so timewise

the difference shifts to a 4 hour difference.

Another solution is to buy an el-cheapo 24 hour movement and scale from a  
place like Clock-Kit, drill a  
hole in a piece of plywood and assemble and you have a UTC clock for about  
10 bucks (easily

converted to Zulu or GMT :- ) :- ) )

73 Pete

NV4V Ky

-----  
Date: Fri, 14 Mar 2003 12:51:50 -0700 (MST)  
From: "James P. Rybak" <jrybak@mesastate.edu>  
To: qrp-l@lehigh.edu  
Subject: [147615] Where to Buy Magnifying Goggles???  
Message-ID: <Pine.LNX.4.21.0303141250220.7989-100000@mesastate.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Where's a good place to buy magnifying goggles for fine assembly work?

Thanks.

Jim W0KSD

-----  
Date: Fri, 14 Mar 2003 15:06:22 -0500  
From: "K8YS/N8LBR" <jbcraft@adelphia.net>  
To: <jrybak@mesastate.edu>,  
    "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [147616] RE: Where to Buy Magnifying Goggles???  
Message-ID: <002201c2ea65\$2ff55940\$18184644@lbrtoh.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Try your favorite hobby store -- Hobby Lobby, Michael's Crafts. If you do not have one, check the sewing section at Wal-Mart, fabric store etc.

Bob

-----  
Date: Fri, 14 Mar 2003 15:08:53 -0500  
From: "Mike Yetzko" <myetzko@insydesw.com>  
To: <jrybak@mesastate.edu>,  
    "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [147617] Re: Where to Buy Magnifying Goggles???  
Message-ID: <003f01c2ea65\$8b65db60\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Where's a good place to buy magnifying goggles for fine assembly work?  
>  
> Thanks.  
>  
> Jim W0KSD

WHEREEVER you buy, TRY THEM FIRST!!

I can't wear almost every pair I've ever tried. Just can't focus. But my friend picked up a pair at some flea market that are fine for me.

Mike

-----  
Date: Fri, 14 Mar 2003 13:42:20 -0700  
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [147618] Re: Where to Buy Magnifying Goggles???  
Message-ID: <7FD24C15A06DD511BF9E00D0B73E995206FBFE73@az33exm05.corp.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

I find "Mag Eyes" work very well for my aging eyes and  
all the SOP/SOIC homebrew work that I do.

They can currently be found at Jo-Ann's craft stores.

- Dan, N7VE

-----  
Date: Fri, 14 Mar 2003 20:56:42 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: pgardella@yahoo.com, qrp-1@Lehigh.EDU  
Subject: [147619] Re: Crystal: series or parallel?  
Message-ID: <F65aogxLDp7mvjk022Z000000e6@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: Patrick Gardella <pgardella@yahoo.com>  
>Reply-To: pgardella@yahoo.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Crystal: series or parallel?  
>Date: Fri, 14 Mar 2003 11:06:41 -0800 (PST)  
>  
>Been meaning to ask: which is the "standard" crystal used in most of the  
>homebrew rigs we have  
>here, series or parallel? When a schematic says "7MHz crystal", which is  
>it?

Generally parallel. Overtone crystals (20 MHz+) are usually used series  
resonant.

Parallel resonant crystals should have the load capacitance specified by the manufacturer.

Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947

Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

---

Chat online in real time with MSN Messenger <http://messenger.msn.co.uk>

---

Date: Fri, 14 Mar 2003 21:02:49 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: jrybak@mesastate.edu, qrp-1@Lehigh.EDU  
Subject: [147620] Re: Where to Buy Magnifying Goggles???  
Message-ID: <F290c7wo95EFk2H3b980000012e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "James P. Rybak" <jrybak@mesastate.edu>  
>Reply-To: jrybak@mesastate.edu  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Where to Buy Magnifying Goggles???  
>Date: Fri, 14 Mar 2003 12:51:50 -0700 (MST)  
>  
>  
>Where's a good place to buy magnifying goggles for fine assembly work?

I use high-powered reading glasses (+3.5 diopter) for drilling PCBs and an illuminated magnifier for assembly.

The reading glasses have the disadvantage of putting my nose uncomfortably close to the drill chuck, but I do get a good view of the pads. 8-)

We'll all need stereo microscopes for circuit assembly in a few years time, the way things are going.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947  
Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Use MSN Messenger to send music and pics to your friends  
<http://messenger.msn.co.uk>

-----  
Date: Fri, 14 Mar 2003 21:13:32 -0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-1@lehigh.edu>  
Subject: [147621] Monitor the bands while you are away from home  
Message-ID: <000601c2ea6e\$92439540\$2819fea9@leon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just received the following from a DSP list I'm on:

"Imagine recording radio signals, in real time, with bandwidths as high as 40 MHz! The new ICS daqPC has the ability to record at a sustained rate of over 200 Mbytes/s. In other words, 16-bit samples can be recorded continuously when sampled at 100 MHz. The daqPC is an elegant 19" rack-mountable box that holds up to 1.44 Terabytes of RAID storage, made up of ten removable hard drives."

Just the thing for the radio amateur who has everything!

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Fri, 14 Mar 2003 16:19:06 -0500  
From: Pete Burbank <plburbank@earthlink.net>  
To: jrybak@mesastate.edu,  
      "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>



Subject: [147622] Re: Where to Buy Magnifying Goggles???  
Message-ID: <5.2.0.9.0.20030314161352.00a3d9c0@Earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:51 PM 3/14/2003, James P. Rybak wrote:

>Where's a good place to buy magnifying goggles for fine assembly work?  
>  
>Thanks.  
>  
>Jim WOKSD

American Science and Surplus has a slick visor for a good price that has 5 levels of magnification. They are as good as my Optivisors which cost about \$10 more.  
73 Pete  
NV4V

-----  
Date: Fri, 14 Mar 2003 15:34:23 -0600  
From: <stanw@toxsor.com>  
To: <qrp-1@lehigh.edu>  
Subject: [147623] CCW (Coherent CW)  
Message-ID: <000501c2ea71\$7e22a940\$0364010a@toxsor.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The new version of MULTIPSK V2.1 allows you to run CCW. Recommend frequency is 7031, 10107, 14061 USB mode.

Written by F6CTE

software available at <http://members.aol.com/f6cte/>

CCW will work with signal levels with S/N -14 DB

Lets know of your results.

de Stan ak0b

-----  
Date: Fri, 14 Mar 2003 15:54:11 -0600  
From: "georgekr5c" <georgekr5c@cablelynx.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [147624] QRP tube rig  
Message-ID: <000c01c2ea74\$40d1ea80\$ad08cc18@lee>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Recently someone posted of a one tube QRP rig housed in an Altoids box.

I thought I had book marked it but can't find it if I actually did.

Can someone help me locate this item?

Thanks for any help.

72, George KR5C

-----  
Date: Fri, 14 Mar 2003 15:59:41 -0600  
From: "Dave Redfearn" <n4elm@attbi.com>  
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-1@lehigh.edu>  
Subject: [147625] FS: PC CW keyboard  
Message-ID: <0000001c2ea75\$04a32870\$016fa8c0@Pavillion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale:

CW Keyboard - well would you believe:

A Compaq Aero 4/33C laptop

486 CPU 33 MHz  
12 Meg RAM  
240 Meg Hard disk  
TFT color display  
built-in mouse  
Serial and Parallel ports  
PCMCIA port

PCMCIA 3.5" floppy drive  
AC power supply  
No battery

This laptop is capable of running Windows 95 and the CWType keyboard/keyer program.  
Homebrew parallel interface for transmitter keying included.

The laptop works well but has been used. Overall good cosmetic condition, no known cracks or missing case pieces.

Major advantages over a standard CW keyboard is that it is narrower than a standard size keyboard and you can see the text that you are typing before it is sent.

Asking \$50.00 + shipping from 75070

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Fri, 14 Mar 2003 15:13:34 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [147626] Intentional Interference  
Message-ID: <Pine.LNX.4.44.0303141512570.2203-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been a Ham for 55 years and some things seem never to change. There are always most Hams that seek out fun and pursue some part of the hobby that fits their idea of fun. But there are always just a handful of Idiot-Hams that watch the rest having a good time doing something and try hard to ruin the fun.

The people who put intentional interference on a Fox on 40 meters have listened to the noise of a Hunt and wanted to understand what is going on. They probably don't copy code very fast so they are a failure at that. But the sound begins to make sense when they see that the many stations stop sending when one station off frequency starts sending. So they make some

kind of interference on the one station frequency and see that it breaks up the timing of the Hunt and stops others from having fun.

I could be one of these intentional interference guys. I have the Teletype software written by a Japanese Ham and with a sound card I make teletype noises that are good. The person last night I'm willing to bet money was using that same software.

Another interference source is Hams who have amplifiers. I am net control on 3.939 MHz Sunday at 0630 Mountain Time. This net is in constant operation for 30 minutes when 3 Hams west of New Mexico get on the air on 3.940 MHz and all three are using 1500 watt amplifiers. We use 100 watts or less. This ruins our net more or less in the middle of the usual hour it is on the air. The past 3 weeks I have simply moved down to 3.937 MHz and that solves the problem. Until someone starts a QSO on 3.937...

We all need to be more thoughtful about how we operate. Be sure we do not interfere with others as they interfere with us!

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----  
Date: Fri, 14 Mar 2003 22:29:21 +0000  
From: "Dennis Ponsness" <wb0wao@hotmail.com>  
To: multipigplus@yahoo.com, fpqrp-1@mpna.com, qrp-1@Lehigh.EDU  
Subject: [147627] First MultiPig+ to MultiPig+ QSO Made!  
Message-ID: <F95cM3oryKFRJrzdDW6000001a7@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I just had the honor of working Diz, W8DIZ, on 40m and we made the first MultiPig+ to MultiPig+ QSO!! Diz bestowed on my rig SN #2!!!! Man, this rig is hot! Hears better than anything that I have ever used! Plan on using this as my "main rig" as soon as I get the control panel done on it. Had to use a test lead as the key!!!

Diz, TNX fer all ur help in building this FB rig and for designing it!!!!

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan  
NJQRP #329 - FPQRP #-347 - SOC #499  
GACW #622 - ARS #1363 - QRP Canada #248  
WATPK #2  
FISTS # 9299  
Charter Member - Michigan DX Association  
[www.qsl.net/wb0wao](http://www.qsl.net/wb0wao)  
:=)

-----  
Protect your PC - get McAfee.com VirusScan Online  
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

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End of QRP-L Digest 2859  
\*\*\*\*\*  
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